

Remarks

The following comments are provided in support of the claims presented.

**1. §102 Rejection**

Claims 1, 4, 7, 9-13, 15, 18-20, 22, 23, 25-32, 36, 38 and 39 have been rejected under 35 U.S.C. 102(a) as being anticipated by Vawter et al., *Developments in Pursuit of a Micro-Optic Gyroscope*, Sandia National Laboratories Report No. SAND2003-0665, March 2003.

Applicants submit herewith a Declaration Regarding Inventorship Under 37 CFR 1.132 to Overcome Cited Reference by Vawter et al. This Declaration establishes that the Vawter et al reference used for the § 102 rejection is a publication of Applicants' own invention. In view of the Declaration submitted herewith, Applicants respectfully submit that Claims 1, 4, 7, 9-13, 15, 18-20, 22, 23, 25-32, 36, 38 and 39 are allowable.

**2. §103 Rejections**

**A.** Claims 2, 3 and 37 have been rejected under 35 U.S.C. 103(a) as being obvious over Vawter et al., *Developments in Pursuit of a Micro-Optic Gyroscope*, Sandia National Laboratories Report No. SAND2003-0665, March 2003.

Applicants submit herewith a Declaration Regarding Inventorship Under 37 CFR 1.132 to Overcome Cited Reference by Vawter et al. This Declaration establishes that the Vawter et al reference used for the § 103 rejection is a publication of Applicants' own invention. In view of the Declaration submitted herewith, Applicants respectfully submit that Claims 2, 3 and 37 are allowable.

**B.** Claim 6 has been rejected under 35 U.S.C. 103(a) as being obvious over Vawter et al., *Developments in Pursuit of a Micro-Optic Gyroscope*, Sandia National Laboratories Report No. SAND2003-0665, March 2003 and further in view of Wong et al., "Recent Developments in Silicon Optoelectronic Devices," *Proceedings of the 23rd International Conference on Microelectronics (MIEL 2002)*, pp. 285-292, 2002.

Applicants submit herewith a Declaration Regarding Inventorship Under 37 CFR 1.132 to Overcome Cited Reference by Vawter et al. This Declaration establishes that the Vawter et al reference used for the § 103 rejection is a publication of Applicants' own invention. In view of the Declaration submitted herewith, Applicants respectfully submit that Claim 6 is allowable.

C. Claims 8 and 21 has been rejected under 35 U.S.C. 103(a) as being obvious over Vawter et al., *Developments in Pursuit of a Micro-Optic Gyroscope*, Sandia National Laboratories Report No. SAND2003-0665, March 2003 and further in view of K. Suzuki et al., "Monolithically Integrated Resonator Microoptic Gyro on Silica Planar Waveguide Circuit," *Journal of Lightwave Technology*, vol. 18, pp. 66-72, January 2000.

Applicants submit herewith a Declaration Regarding Inventorship Under 37 CFR 1.132 to Overcome Cited Reference by Vawter et al. This Declaration establishes that the Vawter et al reference used for the § 103 rejection is a publication of Applicants' own invention. In view of the Declaration submitted herewith, Applicants respectfully submit that Claims 8 and 21 are allowable.

#### **4. Objections to the Claims:**

Claims 5, 14, 16, 17, 24 and 33-35 have been objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

In view of the Declaration Regarding Inventorship Under 37 CFR 1.132 to Overcome Cited Reference by Vawter et al submitted herein which overcomes all rejections of the claims set forth by the Office in paper no. 021706, Applicants respectfully submit that there is no need to rewrite Claims 5, 14, 16, 17, 24 and 33-35 in independent form since the base claim and any intervening claims are allowable.

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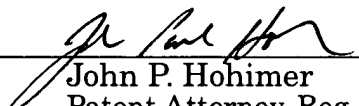
Conclusion

Applicant has responded to each and every rejection, and urge that the Application is in condition for allowance. A favorable reconsideration is earnestly solicited.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


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